# CITY OF LODI

## COUNCIL COMMUNICATION

AGENDA TITLE:        Purchase of IBM 3130-03S Printer ($18,649.37)

MEETING DATE:        April 7, 1999

PREPARED BY:         Finance Director and Informations Systems Manager

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RECOMMENDED ACTION:     That the City Council authorize the purchase of one IBM 3130-03S high-speed system printer from Orcom Solutions of Bend, Oregon, in the amount of $18,849.37.

BACKGROUND INFORMATION:     In April, 1998, the City Council approved the purchase of Orcom Solutions software to replace the legacy utility billing software. The new software gives the City the opportunity to redesign the utility bill to meet the disclosure requirements of deregulation. A new high-speed, high-volume system printer will be required to handle the revised utility bill format.

The Purchasing Division obtained the following three quotations for this printer:

| | |
|---|---|
| Orcom Solutions, Bend, OR | $18,649.37 (20% off list price) |
| Logical Design, Sacramento | $18,649.37 |
| IBM, Sacramento | $19,048.39 (CMAS price, 19% off list) |

Although Orcom and Logical Design offered identical quotes, it is staff's recommendation to purchase the printer from Orcom Solutions because of the City's current relationship with Orcom (through the utility billing software and implementation).

FUNDING:        Current Budget


Vicky McAthie, Finance Director          Stan Helmle, Information Systems Manager


APPROVED: _____
                    H. Dixon Flynn -- City Manager

Document4                                                                                    03/18/99

MEMORANDUM, Finance Department, Purchasing Division

TO:        Finance Director

FROM:      Purchasing Officer

DATE:      February 23, 1999

SUBJECT:   IBM Printer Pricing


My apologies for the delay in responding to your inquiry regarding CMAS pricing on the IBM 3130-03S Printer... one of the suppliers was not very responsive (in fact, I still don't have pricing from them).

Nevertheless, I did receive CMAS pricing from one other supplier, and non-CMAS pricing from a third, which, with the price from Orcom, gives us the required three quotes. .

Orcom's price is 20% off list, and is a delivered price (according to Doug Headrick at Orcom).

IBM's CMAS price is 19% off list; Logical Design's price is 20% off list.

| Item Description | List Price | Orcom Bend OR | Logical Design Sacramento | IBM Corp. Sacramento |
|---|---|---|---|---|
| IBM 3130-03S Simplex Printer | $17,995 | $14,396 | $14,396 | $14,541 |
| Feature 4310 16Mb Add'l Memory | $ 795 | $ 636 | $ 636 | $ 642 |
| Feature 4161 10Base-T Adapter | $ 350 | $ 280 | $ 280 | $ 283 |
| Feature 4620 1500 Sheet Stacker | $2,495 | $1,996 | $1,996 | $2,016 |
| SUBTOTAL | $21,635 | $17,308 | $17,308 | $17,482 |
| 1.21% CMAS FEE | - | - | - | $ 211.53 |
| 7.75% SALES TAX | | $ 1,341.37 | $1,341.37 | $1,354.86 |
| TOTAL | | $18,649.37 | $18,649.37 | $19,048.39 |

c: Stan Helmle, I.S. Manager

**IBM**

# IBM 3130 Advanced Function Printer

- *Up to 30 ipm and 200,000 impressions per month*

- *Supports multiple printer data streams including PostScript Level 2, PCL5e, and IPDS*

- *Up to three concurrently active interfaces*

- *Exceptional paper-handling capabilities including up to four input trays and 11 x 17 inch paper*

- *Low cost of operation*

The IBM* 3130 Advanced Function Printer is a 30 impression per minute (ipm), highly-reliable, cutsheet, duplex printer. The IBM 3130 supports multiple printer data streams, multiple concurrent interfaces, and provides exceptional paper handling options. These functions combine with IBM's powerful Advanced Function Common Control Unit (AFCCU) to provide a printer which can support traditional Intelligent Printing Data Stream* (IPDS*) environments, as well as local area network (LAN) environments.

**Shared Environments**

Today's environments require support of multiple printer data streams. The IBM 3130 supports PostScript** Level 2, PCL**5e, and IBM's traditional strength, IPDS. Native support of all three data streams means one printer can support both host and LAN applications. Data stream sensing and switching are also supported.

Connectivity requirements are changing as well. The IBM 3130 supports:

- Standard high speed parallel interface
- Ethernet Interface
- 19.2 or 56Kbps SDLC interface

- Token-Ring interface
- Twinaxial Interface

An Ethernet interface, the parallel interface, and one additional interface may be concurrently active on the IBM 3130. Jobs may be received from the three active ports and directed to separate output stackers.

Sharing interfaces and supporting multiple data streams does not equate to sharing paper sources or output stackers. While the four available input trays can be linked, they also can be dedicated to an application. Likewise, output stackers can be dedicated to an application or department. This flexible combination means up to three diverse application environments can share the same physical printer, and still retain job separation all the way from the input tray to the offset stacker.

**Forms Flexibility**

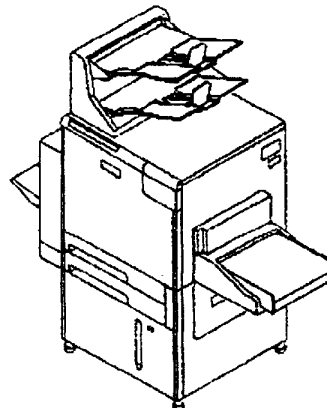User applications require forms flexibility. The IBM 3130 supports paper sizes ranging from B5, all the way up to ledger size. Legal, letter, A3, A4, and B4 papers are also supported. The IBM 3130 can also print on card stock and labels. All of the drawers in the base footprint can support all of the supported paper sizes. A 500 sheet side input tray supports A4 and letter sizes.

Up to four input trays are supported on the IBM 3130. Three tray sizes are supported: 250, 500, and 2,000 sheets. All models support 3,000 sheets of paper from four input trays.

Up to three output stackers can be installed on the IBM 3130; two 500 sheet offset stackers are standard and a 1,500 sheet offset stacker is optional. All models can be configured with all three output stackers, for a total output capacity of 2,500 sheets.

**Performance**

Maintaining rated speed in a shared environment becomes critical. The IBM 3130 takes advantage

of the AFCCU. The AFCCU is based on IBM's recognized RISC technology. This control unit supports printers as diverse as the IBM 3900 Advanced Function Duplex Printing System and the IBM 3130.

Besides providing additional attachment flexibility, the AFCCU improves performance for the most complex jobs. This control unit includes capabilities which were features on earlier control units, such as Advanced Function Image and Graphics and Decompression Performance Enhancement. And, like previous control units, it can be extended with new capabilities in the future. At the same time, the IBM 3130 can print applications which print on other IPDS printers.

## Highlights

- Low cost of operation
- Up to 30 ipm and 200,000 impressions per month
- Multiple print data stream support: IPDS, PostScript Level 2, PCL5e
- Multiple protocol support: SNA, TCP/IP lpr/lpd/ftp, Novell** NetWare** SPX/IPX
- Exceptional paper-handling
  - Up to four input trays with 3,000 sheets
  - Up to three output stackers with 2,500 sheets
  - 11 x 17 inch capabilities
- Broad physical attachment capabilities: Twinaxial, Token-Ring, SDLC, PC parallel, Ethernet
- Microsoft** Windows** support
- OS/2* support
- 240- or 300-pel enhanced printing
- Optional 240-pel DBCS raster fonts resident
- Resident Fonts: PCL - 35 Intellifonts and 10 TrueType**; PostScript - 63 Type 1 scaleable fonts; IPDS - IBM 4028 compatibility (31 outlines), IBM Core Interchange (54 outlines), IBM Coordinated (12 outlines)

## IBM 3130 Advanced Function Printer at a glance

| | |
|---|---|
| **Print Speed** | Up to 30 ipm |
| **Usage** | Maximum 200,000 impressions per month |
| **Paper Capacities** | *Input trays*<br>— 02D: 2x250/2000 standard, 2x250/500/2000 maximum*<br>— 03S: 2x250/2000 standard, 2x250/500/2000 maximum*<br>— *500 is an option on all models<br>*Output stackers*<br>— 02D: 2x500 standard, 2x500/1500 maximum*<br>— 03S: 2x500 standard, 2x500/1500 maximum*<br>— *1500 is an option on all models |
| **Media** | *Paper size*<br>— Letter: 8.5" x 11"   — Legal: 8.5" x 14"<br>— A3: 11.7" x 16.5"   — A4: 8.3" x 11.7"<br>— B4: 10.1" x 14.3"   — B5: 7.1" x 10.1"<br>— Ledger: 11" x 17"<br>— Letter, A4, and B5 can print at up to 30 ipm; all other sizes print at up to 15 ipm.<br>*Paper weight*<br>— Regular papers: 16 lb. to 42 lb.<br>— Card Stock: 40 lb. to 90 lb. (simplex only)<br>— Labels: 32 lb. to 42 lb. (simplex only)<br>*Paper type*<br>— Plain or letterhead cutsheet paper<br>— Paper or polymer-based adhesive labels suitable for electrophotographic printing<br>— Preprinted forms and letterheads, perforated and prepunched (2, 3 and 4 holes)<br>— Xerographic papers |

| AFP System Attachments | PSF/MVS | PSF/VM | PSF/VSE | PSF/400 | PSF/2 | PSF/6000 |
|---|---|---|---|---|---|---|
| SNA Token-ring | Y | Y | Y | Y | Y | |
| SNA SDLC 19.2 Kbit | Y | Y | Y | Y | Y | |
| SNA SDLC 56 Kbit | Y | Y | Y | Y | | |
| TCP/IP Token-ring | Y | | | Y | Y | Y |
| TCP/IP Ethernet | Y | | | Y | Y | Y |
| PC Parallel | | | | | Y | Y |
| Twinaxial | | | | Y | | |

| AFP Software Support | | |
|---|---|---|
| — PSF/MVS* | | — PSF for OS/400* |
| — PSF/VM* | | — PSF for OS/2* |
| — PSF/VSE* | | — PSF for AIX* |

| Open System Attachments | AIX | NetWare | Windows | OS/2 | OS/2 LAN Server |
|---|---|---|---|---|---|
| Token-ring | Y | Y | Y | Y | Y |
| Ethernet | Y | Y | Y | Y | Y |
| PC Parallel | Y | Y | Y | Y | Y |

| Open Software Support | | |
|---|---|---|
| — OS/2 | | — OS/2 LAN Server* |
| — Microsoft Windows | | — AIX* |
| — NetWare 2.2 | | — NetWare 3.11 thru 4.01 |

| | |
|---|---|
| **Options** | Attachment options:<br>Note: PC Parallel attachment is standard<br>Ethernet<br>Twinaxial<br>Token-Ring<br>SDLC<br>Other options:<br>Two 16MB memory features<br>DBCS Font Package (includes 540MB hard drive)<br>Extra Input Trays and Output Stackers |
| **Physical Characteristics** | With standard paper handling<br>— Width: 26" (654 mm)<br>— Depth: 26" (654 mm)<br>— Height: 54" (1,365 mm)<br>— Weight: 343 lb. (156 kg) |
| **Power Requirements** | 100/115 V, single phase, 50/60 Hz, 10 amps<br>220/230/240V, single phase, 50/60 Hz, 5.2 amps |
| **Environmental Conditions** | Relative humidity: 20% to 80% RH<br>Temperature: 60.8° to 89.6°F (16° to 32°C)<br>Acoustics: 55 dBA/7.2 bels (operating); 46 dBA/6.4 bels (idle) |

RESOLUTION NO. 99-48

A RESOLUTION OF THE LODI CITY COUNCIL
AUTHORIZING THE PURCHASE OF IBM 3130-03S
PRINTER FROM ORCOM SYSTEMS, INC. FOR THE
CITY'S UTILITY BILLING AND CUSTOMER SERVICE
FUNCTION
==================================================================

WHEREAS, Lodi Municipal Code, §3.20.070, authorizes dispensing with bids for purchases of supplies, services or equipment when it is in the best interests of the City to do so; and

WHEREAS, in April 1998, the City Council approved the purchase of Orcom Solutions Software to replace the Legacy Utility Billing Software; and

WHEREAS, the new software gives the City the opportunity to redesign the utility bill to meet the disclosure requirements of deregulation, and a new high-speed, high-volume system printer will be required to handle the revised utility bill format; and

WHEREAS, the Purchasing Division obtained three quotations for this printer as follows:

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| Orcom Solutions, Bend, OR | $18,649.37 (20% off list price) |
| Logical Design, Sacramento | $18,649.37 |
| IBM, Sacramento | $19,048.39 |

WHEREAS, it is staff's recommendation to purchase the printer from Orcom Solutions because of the City's current relationship with Orcom (through purchase of the utility billing software and implementation).

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Lodi does hereby approve the purchase of the IBM 3130-03S Printer from Orcom Solutions of Bend Oregon in the amount of $18,649.37.

Dated:    April 7, 1999
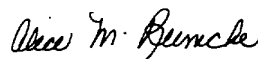==================================================================

I hereby certify that Resolution No. 99-48 was passed and adopted by the City Council of the City of Lodi in a regular meeting held April 7, 1999 by the following vote:

AYES:        COUNCIL MEMBERS – Hitchcock, Mann, Nakanishi, Pennino and
             Land (Mayor)

NOES:        COUNCIL MEMBERS – None

ABSENT:      COUNCIL MEMBERS – None·

ABSTAIN:     COUNCIL MEMBERS – None

*Alice M. Reimche*
ALICE M. REIMCHE
City Clerk

99-48